

JC20 Rec'd PCT/PTO 09 JUN 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 047182-0143

Applicant: Pulickel AJAYAN et al.

Title: NANOTUBE-ORGANIC PHOTOELECTRIC CONVERSION  
DEVICE AND METHODS OF MAKING SAME

Appl. No.: Unassigned

Filing Date: 06/09/2005

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

Appl. No. Unassigned

Atty. Dkt. No. 047182-0143

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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached. A copy of the document is not being provided since copies should have been provided directly by WIPO under an exchange program between the PTO, the EPO and the JPO.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

June 9, 2005  
Date

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  Date Submitted: June 9, 2005 <i>(use as many sheets as necessary)</i>				Complete / Known <b>10/537943</b>	
Application Number		Unassigned			
Filing Date		06/09/2005			
First Named Inventor		Pulickel AJAYAN et al.			
Group Art Unit		Unassigned			
Examiner Name		Unassigned			
Attorney Docket Number		047182-0143			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	4,175,981	A	LOUTFY et al.	11-27-1979	
	A2	5,084,365	A	GRATZEL et al.	01-28-1992	
	A3	6,084,176	A	SHIRATSUCHI et al.	07-04-2000	
	A4	6,352,777	B1	BULOVIC et al.	03-05-2002	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	A5	WO	98/39250		SMALLEY et al.	09-11-1998	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A6	ARANCIBIA, A., et al., "Synthesis and Characterization of New Ruthenium Complexes With 11-carboxy-dipyrido (3,2-a:2', 3' -c)phenazine as Ligan", Bol. Soc. Chil. Quim., vol. 45, no. 4, pp. 587-592 (2000).		
	A7	JANA, A. K., et al., "Photoelectrochemical Cells Consisting of Phenosafranin-EDTA and Different Redox Couples with Illuminated Semiconductor Electrode", Solar Energy, vol. 51, no. 5, pp. 313-316 (1993).		
	A8	TAYLOR, R., ed., "The Chemistry of Fullerenes", World Scientific Publishers, Singapore, pp. 67-85 and 202-210 (1995).		

Examiner Signature	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.